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Patent No. 6,993,176
Request for Cert. of Correction dated April 5, 2006
Attorney Docket No. 0388-011672

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 6,993,176 Confirmation No. 8931
Inventor : Yamagishi et al.
Issued : January 31, 2006
Title : Method and Device For Imaging
Liquid-Filled Container
Examiner : Sheela C. Chawan
Customer No. : 28289



Certificate
APR 11 2006
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. 1.322(a))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction Branch
Patent Issue Division

Sir:

In accordance with 35 U.S.C. §254, we attach hereto Form PTO/SB/44 and a copy of proof of PTO errors and request that a Certificate of Correction be issued in the above-identified patent. The following errors appear in the patent as printed:

Column 9, Line 27, Claim 9, "The apparatus" should read -- The method --
(See Amendment dated April 1, 2005, page 5, Claim 33, Line 1, Claim 33 issued as Claim 9.)

Column 10, Line 5, Claim 15, "according to any one of claim 13" should read --
-- according to claim 13 --
(See Amendment dated April 1, 2005, page 4, Claim 29, Line 1, Claim 29 issued as Claim 15.)

Column 10, Line 46, Claim 24, "according to claim 16" should read --
-- according to claim 19 --
(See Amendment dated April 1, 2005, page 6, Claim 40, Line 1, Claim 40 issued as Claim 24.)

Respectfully submitted,

THE WEBB LAW FIRM

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

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PATENT NO. : 6,993,176
APPLICATION NO. : 09/937,988
ISSUE DATE : January 31, 2006
INVENTORS : Yamagishi et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 9, Line 27, Claim 9, "The apparatus" should read -- The method --

Column 10, Line 5, Claim 15, "according to any one of claim 13" should read
-- according to claim 13 --

Column 10, Line 46, Claim 24, "according to claim 16" should read
-- according to claim 19 --

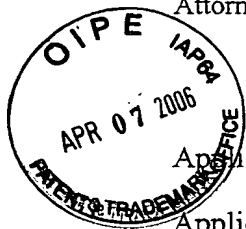
MAILING ADDRESS OF SENDER: The Webb Law Firm
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1845

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.

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Application No. 09/937,988
Paper Dated April 1, 2005
In Reply to USPTO Correspondence of November 3, 2004
Attorney Docket No. 0388-011672



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/937,988
Applicants : Takahiro YAMAGISHI et al.
Filed : January 2, 2002
Title : **METHOD AND DEVICE FOR IMAGING LIQUID-FILLED CONTAINER**
Art Unit : 2621
Examiner : Sheela C. Chawan
Confirmation No. : 8931
Customer No. : 28289

MAIL STOP AMENDMENT
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of November 3, 2004, please amend the above-identified application as follows:

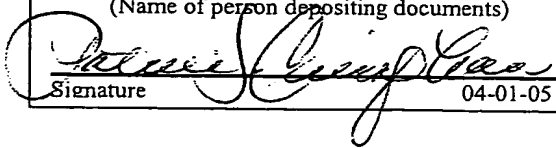
Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

A two-month Petition for Extension of Time is submitted herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 1, 2005.

Patricia S. Cunningham
(Name of person depositing documents)


Signature

04-01-05

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wherein said light emitting unit emits and irradiates a near infrared light with a wavelength of 700 to 900 nm as said light for imaging inside of the container, and the container is one of a colored container and a container with a frost surface.

¹⁴ ~~26~~. (Previously Presented) The apparatus according to claim ¹³ ~~25~~, wherein said light emitting unit comprises a light emitter and a cut filter for filtering light from the light emitter so as to transmit only near infrared component of the light or a greater amount of near infrared light component of the light than visible light component thereof.

¹⁹ ~~27~~. (Currently Amended) An apparatus for imaging a liquid-filling container, comprising:

a light emitting unit for emitting and irradiating light onto the container, and
a light receiving unit for receiving the light transmitted through the container,

wherein said light receiving unit receives a near infrared light with a wavelength of 700 to 900 nm as said light for imaging inside of the container, and the container is one of a colored container and a container with a frost surface.

²⁰ ~~28~~. (Previously Presented) The apparatus according to claim ¹⁹ ~~27~~, wherein said light receiving unit comprises a cut filter for filtering the light transmitted through the container so as to transmit only near infrared component of the light or a greater amount of near infrared light component than visible light component of the light and a light receiver for receiving the light transmitted through the cut filter.

¹⁵ ~~29~~. (Previously Presented) The apparatus according to claim ¹³ ~~25~~, wherein said light emitting unit and said light receiving unit are disposed so as to enable imaging of said container which is conveyed one after another along a conveying line.

¹⁶ ~~30~~. (Previously Presented) The apparatus according to claim ¹³ ~~25~~, wherein an amount of liquid filled in the container is detected.

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¹⁷ ~~31.~~ (Previously Presented) The apparatus according to claim ¹³ ~~25~~, wherein any foreign substance present in the liquid filled in the container is detected.

¹⁸ ~~32.~~ (Previously Presented) The apparatus according to claim ¹³ ~~25~~, wherein any foreign substance present in the container or in a material forming the container is detected.

⁹ ~~33.~~ (Previously Presented) The method according to claim ⁷ ~~19~~, wherein said light emitting unit and said light receiving unit are disposed so as to enable imaging of a container which are conveyed one after another along a conveying line.

¹⁰ ~~34.~~ (Previously Presented) The method according to claim ⁷ ~~19~~, further including the step of detecting an amount of liquid filled in the container.

¹¹ ~~35.~~ (Previously Presented) The method according to claim ⁷ ~~19~~, further including the step of detecting any foreign substance present in the liquid filled in the container.

¹² ~~36.~~ (Previously Presented) The method according to claim ⁷ ~~19~~, further including the step of detecting any foreign substance present in the container or in a material forming the container.

²¹ ~~37.~~ (Previously Presented) The apparatus according to claim ¹⁹ ~~27~~, wherein said light emitting unit and said light receiving unit are disposed so as to enable imaging of said container which is conveyed one after another along a conveying line.

²² ~~38.~~ (Previously Presented) The apparatus according to claim ¹⁹ ~~27~~, wherein an amount of liquid filled in the container is detected.

²³ ~~39.~~ (Previously Presented) The apparatus according to claim ¹⁹ ~~27~~, wherein any foreign substance present in the liquid filled in the container is detected.

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Application No. 09/937,988

Paper Dated April 1, 2005

In Reply to USPTO Correspondence of November 3, 2004

Attorney Docket No. 0388-011672

24 40. (Previously Presented) The apparatus according to claim ¹⁹~~27~~, wherein any foreign substance present in the container or in a material forming the container is detected.

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